

# CLAIMS

I claim:

- 1) A rosary electronic apparatus (tusbeeh) to count Muslim, non-Muslim prayers comprising:

Beads (1), magnetic or nonmagnetic of any configuration, means of counting Muslim prayer iterations one at a time. The beads being threaded on a plastic thread (2).

Crescent shaped or any configuration housing (3) to contain the threaded beads either on a spool or without it. The threaded beads to move only in one direction (say clockwise).

Electromagnetic means of sensing the magnetic rosary beads (wound on a plastic thread) as they would fall through an annular opening containing an electromagnetic coil situated near the base of a funnel shaped part (4) in the housing of the apparatus and generate an electronic pulse.

- 2) An apparatus according to claim 1, wherein optical means of sensing the nonmagnetic rosary beads as they would fall through an annular opening containing an optical sensor to generate an electrical pulse
- 3) An apparatus according to the claim 1, wherein the threaded rosary beads (nonmagnetic) are wound on a spool (unidirectional) capable of generating an electrical pulse when each bead is advanced by one count and exit out of the housing.
- 4) Microprocessor means (5) for counting the electronic pulse generated by the sensor (s) under claim 1, 2 and 3, storing into a number of separate registers and display means (6) to show the counts of various (recitations/mantras) as believer (worshipper) will use: key (7) named "register" to activate a memory storage register, alphabet entry key (8) named "alphabet", reset key (9) named "reset", on/off key (10) named "on/off", enter key (12) named "enter", forward scroll key (13) named "forward" or an arrow mark, backward scroll key (14) named "backward" or an arrow mark
- 5) An apparatus according to claims 1,2,3, and 4 further comprising an erasable programmable read-only memory (15); and a random access memory (16) and said memories being functionally connected to microprocessor means (5) along with bead sensor, keys and battery.
- 6) An apparatus according to claim 5, further comprising: at least one battery means (17) for storing and providing power to the microprocessor means (5)

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- 7) An apparatus according to claim 6, further comprising; switch means (10) for turning power on and off from the battery means to the microprocessor means (5).
  - 8) An apparatus according to claim 7, further comprising; a lighting means (18) to illuminate liquid crystal display means (6) in darkness by depressing a key
  - 9) The apparatus according to claim 8, wherein: the said display means (6) is video-type display
  - 10) The apparatus according to claim 9, wherein: the said video-type display is alphanumeric
  - 11) The apparatus according to claim 9, wherein: the said video-type display (6) is a liquid crystal
  - 12) The apparatus according to claim 9, wherein: the said microprocessor means (5) includes a buzzer
  - 13) The apparatus according to claim 9, wherein: the said microprocessor means (5) includes a radio transmitter (19) of a given frequency to send counting results to a nearby receiver.
  - 14) The apparatus according to claim 13, wherein: a corresponding frequency radio receiver (20) will receive digital alphanumeric counts from the radio transmitter with a microprocessor means (21) and display the same counts on a larger alphanumeric display device (22) for a congregation type setting.
  - 15) The apparatus according to claim 14, wherein: microprocessor means (21) is functionally connected to a random access memory - RAM (26) , radio receiver (20), alphanumeric liquid crystal display means (22), battery means (23) to supply power to microprocessor, key (24) to turn device on/off and key (25) to reset the operations.
  - 16) The apparatus according to claims 4, 5, 13, 14 and 15 above, wherein: the registers are named (identified) using digital vocal recording means functionally connected to the microprocessor means (5) and (21) and the so named registers would declare content of counts vocally (speech synthesizer means) at a given time interval or by pressing the on/off key of apparatuses in Fig. 1 and Fig. 4.